

AMENDMENTS TO THE CLAIMS

Cancel Claims 2-8 without prejudice. Please accept amended Claims 1, 11, and 19 as follows:

1. (Currently Amended) A terminal for communicating over a computer-network using a dual tone multiple frequency (DTMF) message, wherein the terminal encodes the DTMF message and said DTMF message comprises,

a Protocol Data Unit encoded in accordance with a Simple Supplementary Services Protocol (SSSP) and carried via said DTMF message, wherein said DTMF message is formatted for ~~network~~ DTMF communications, the Protocol Data Unit comprising,

an identifier field for identifying different functionally based supplementary services,

an end tag field for denoting message endings, and

a parameters extensions field separating said identified field and said end tag field.

2-8. (Cancelled)

9. (Previously Presented) The terminal according to claim 1, wherein said parameter extensions field further includes a ParameterSeperator and at least one Parameter.

10. (Previously Presented) The terminal according to claim 9, wherein said ParameterSeperator included in said parameter extensions field is a comma.

11. (Currently Amended) The terminal according to claim 1, ~~encoded using DTMF String Encoding for transmission~~ wherein the terminal transmits the DTML message to a non-H.323 devices device.

12. (Previously Presented) The terminal according to claim 11, wherein said identifier field contains a Feature Tag and Feature Code.

13. (Previously Presented) The terminal according to claim 12, wherein said Feature Tag is limited to two characters for identifying said messages as being DTMF String Encoded.

14. (Previously Presented) The terminal according to claim 13, wherein said Feature Code is limited to six characters for identifying different classes of said supplementary services.

15. (Previously Presented) The terminal according to claim 14, wherein said parameter extensions field further includes a ParameterSeperator and at least one Parameter.

16. (Previously Presented) The terminal according to claim 15, wherein said ParameterSeperator is an asterisk.

17-18. (Cancelled)

19. (Currently Amended) A computer-implemented method of encoding a Protocol Data Unit in accordance with a Simple Supplementary Services Protocol and transmitting said Protocol Data Unit via a message formatted for network communications comprising:

selecting between an alpha numeric string encoding for transmitting the message for voice over IP network communications and a dual tone multiple frequency string encoding for transmitting the message for dual tone multiple frequency network communications;

providing within said Protocol Data Unit an identifier field for identifying different functionally based supplementary services;

providing within said Protocol Data Unit an end tag field for denoting message endings;

and

providing within said Protocol Data Unit a parameters extensions field separating said identifier field and said end tag field; and

transmitting the message having a selected encoding between communications terminals.

20. (Previously Presented) The computer-implemented method according to claim 19, further comprising:

formatting said message according to H.323; and

encoding said Protocol Data Unit using Alpha Numeric String Encoding and transmitted within a non-standard data field of H.323 messages.